

## REMARKS

Reconsideration of this application as amended is requested. By this amendment Applicants have amended the specification at pages 2, 5, 12 and 22 to correct obvious typographical errors; have amended Fig. 2 of the drawing by changing the numeral "33" to "32" as indicated in red on the attached drawing sheet; and have amended claims . Claims 1-17 remain in the case.

The Examiner objected to claim 5 as not reciting a claim from which it depends. Applicants have remedied this oversight by specifying dependency from claim 1, rendering the Examiner's objection moot.

The Examiner rejected claims 1-3, 5, 7-12 and 16 under 35 U.S.C. 102(a) as being clearly anticipated by Pearson; and claims 4, 6, 13-15 and 17 under 35 U.S.C. 103(a) as being unpatentable over Pearson in view of Autrey et al ("Autrey"). Applicants respectfully traverse these conclusions by the Examiner.

In contradistinction to Applicants' claimed invention Pearson discloses a method of dynamically building a protocol stack for use by a communication program to establish a data transfer protocol by creating a set of protocol layer descriptions, and connecting the protocol layers using an interface from a prior protocol layer to make up a protocol stack that interfaces with the communication program and processes data through each layer. The interfaces are different depending upon the data format requirements between protocol layers, and as a result the protocol stack is built up sequentially.

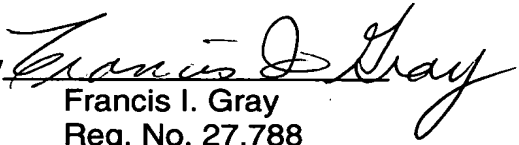
Claims 1, 16 and 17 recite that the protocol layer has a standardized interface, rather than an interface specific for that protocol layer as in Pearson. Also claim 16 further recites that the protocol stack is compiled randomly, rather than sequentially as in Pearson.

Further the Examiner states that Autrey's PIG-tool corresponds to the plurality of emulation managers as recited in claim 17. Applicant submits that the PIG-tool of Autrey unpacks the OSI protocol layers and converts them to processor instructions, but such an unpacking and converting does not teach each emulation layer having a local emulation manager and a global emulation manager linked to the local emulation managers to form an administrative instance.

In view of the above arguments claims 1-17 are deemed to be allowable as being neither anticipated nor rendered obvious by Pearson, either alone or in combination with Autrey. Therefore allowance of claims 1-17 is urged, and such action and the issuance of this case are requested.

Respectfully submitted,

DIRK-HOLGER LENZ et al

By   
Francis I. Gray  
Reg. No. 27,788  
Attorney for Applicant

TEKTRONIX, INC.  
P. O. Box 500, MS 50-LAW  
Beaverton, Oregon 97077  
(503) 627-7261

7058 US